AMENDMENTS TO THE SPECIFICATION

Replace the first full paragraph on page 14, lines 11-26, with the following paragraph with the changes shown:

Figs. 3a-c are photographs showing the mounting methods for the sensors and their locations on the mill 10. The displacement sensor which is a LVDT 16 on the journal spring shaft 38 is placed as is shown in Fig. 3a between the moving journal shaft assembly and the non-moving mill body. A special fixture 40 is used. The fixture is attached on the moving journal shaft assembly and holds the LVDT cylinder. The LVDT probe is screwed on a magnetic pad 42, which is attached on the mill body through magnetic force. The vibration sensor 14 on the Trunion shaft [[44]] 54 is placed on the end of the shaft by magnetic pad or adhesive pad 46 as shown in Fig. 3b. The vibration sensor 18 for the worm shaft 48 is as is shown in Fig. 3c placed on the outer ring of the worm shaft bearing assembly. Again a magnetic or adhesive pad 50 can be used.